## PATENT COOPERATION TREATY

# **PCT**

#### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference		<del></del>				
FP1207	ACTION (Form PCT/ISA/22	ER see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.				
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)				
PCT/SG 99/00119	12 November 1999 (12.11.99)	13 November 1998 (13.11.98)				
Applicant						
BITWAVE PRĪVATE LIMIT	ED et al.					
according to Article 18. A copy is being		uthority and is transmitted to the applicant				
This international search report consists	of a total of 3 sheets.					
It is also accompanied	d by a copy of each prior art document cited	in this report.				
<ol> <li>Basis of the report         <ul> <li>With regard to the language,</li> <li>language in which it was filed</li> </ul> </li> </ol>	the international search was carried out on t , unless otherwise indicated under this item	he basis of the international application in the				
the international search wa Authority (Rule 23.1(b)).	s carried out on the basis of a translation of	the international application furnished to this				
<ul> <li>With regard to any nucleotide search was carried out on the</li> </ul>	and/or amino acid sequence disclosed in basis of the sequence listing:	the international application, the international				
contained in the internation	nal application in written form.					
filed together with the inte	emational application in computer readable	form.				
furnished subsequently to	this Authority in written form.					
furnished subsequently to	this Authority in computer readable form.					
the statement that the subs	equently furnished written sequence listing s filed has been furnished.	does not go beyond the disclosure in the				
the statement that the info	rmation recorded in computer readable form	n is identical to the written sequence listing has				
. Certain claims were foun	d unsearchable (See Box I).					
. Unity of invention is lack	ing (See Box II).					
. With regard to the title,						
the text is approved as sub	mitted by the applicant.					
the text has been established	ed by this Authority to read as follows:					
. With regard to the abstract,						
the text is approved as sub	mitted by the applicant.					
the text has been established within one month from the	ed, according to Rule 38.2(b), by this Authordiate of mailing of this international search	rity as it appears in Box III. The applicant may report, submit comments to this Authority.				
. The figure of the drawings to be pu	blished with the abstract is Figure No.:	<u>.                                    </u>				
as suggested by the applica		None of the figures.				
because the applicant failed	to suggest a figure.	_ •				
because this figure better cl	_					

International application No.

		PC1/SG 99/001	19					
A. CLASSIFICATION OF SUBJECT MATTER								
IPC <sup>7</sup> : H 03 M 13/00								
	According to International Patent Classification (IPC) or to both national classification and IPC  B. FIELDS SEARCHED							
	ocumentation searched (classification system follower	1 by classification symbols)						
l	3 M 13/00; G 06 G 7/00, 7/12							
Documentati	on searched other than minimum documentation to the	ne extent that such documents are included i	n the fields searched					
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Electronic de	ata base consulted during the international search (nar	and the base and the same shall are						
Electionic da	na base consumed during the international search (nat	ne of data base and, where practicable, sear	ch terms used)					
WPT								
C. DOCU	MENTS CONSIDERED TO BE RELEVANT		).					
Category*	Citation of document, with indication, where approp	oriate, of the relevant passages	Relevant to claim No.					
	HIG 4021077 A O. L. T. T. T. T. O. A. T.	1000 (05 06 00)						
Ą	US 4931977 A (M. KLEMES) 05 June	1990 (05.06.90), totality.	1-6					
			·					
<u> </u>		52						
	documents are listed in the continuation of Box C.	See patent family annex.						
<ul> <li>Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand</li> </ul>								
	to be of particular relevance lication or patent but published on or after the international	the principle or theory underlying the inver "X" document of particular relevance; the clain	ition .					
filing date	•	considered novel or cannot be considered to	o involve an inventive step					
cited to est	which may throw doubts on priority claim(s) or which is tablish the publication date of another citation or other	when the document is taken alone "Y" document of particular relevance; the clain	ned invention cannot be					
special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other		considered to involve an inventive step wh	en the document is					
means		combined with one or more other such doo being obvious to a person skilled in the art						
"P" document published prior to the international filing date but later than "&" document member of the same patent family the priority date claimed								
Date of the ac	ctual completion of the international search	Date of mailing of the international search	report					
10 February 2000 (10.02.00)		31 March 2000 (31.	03.00)					
Name and ma	ailing adress of the ISA/AT	Authorized officer						
Austrian I	Patent Office							
	Kohlmarkt 8-10; A-1014 Vienna Zugarek							
Facsimile No	. 1/53424/200	Telephone No. 1/53/2//202						

Telephone No. 1/53424/383

International application No.

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<b>1</b>	SIFICATION OF SUBJECT MATTER						
IPC <sup>7</sup> : H 03 M 13/00							
According to B. FIELD	International Patent Classification (IPC) or to both no S SEARCHED	ational classification and IPC	·				
	ocumentation searched (classification system followed	by classification symbols)					
	3 M 13/00; G 06 G 7/00, 7/12	• •					
Documentati	on searched other than minimum documentation to th	e extent that such documents are included	in the fields searched				
Electronic da	ata base consulted during the international search (nam	ne of data base and, where practicable sear	ch terms used)				
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C. DOCU	MENTS CONSIDERED TO BE RELEVANT	·					
Category*	Citation of document, with indication, where approp	oriate, of the relevant passages	Relevant to claim No.				
A	US 4931977 A (M. KLEMES) 05 June	1990 (05.06.90), totalitỳ.	1-6				
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			·				
Further	documents are listed in the continuation of Box C.	See patent family annex.	·				
• Special categories of cited documents:  "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand							
considered	to be of particular relevance dication or patent but published on or after the international	date and not in conflict with the application the principle or theory underlying the invest	ntion				
filing date	•	"X" document of particular relevance; the claim considered novel or cannot be considered t	ned invention cannot be				
cited to es	which may throw doubts on priority claim(s) or which is tablish the publication date of another citation or other	when the document is taken alone "Y" document of particular relevance; the claim	Į.				
special rea	uson (as specified) referring to an oral disclosure, use, exhibition or other	considered to involve an inventive step wh	nen the document is				
means		combined with one or more other such do being obvious to a person skilled in the ar	cuments, such combination				
the priority	published prior to the international filing date but later than y date claimed	"&" document member of the same patent fam	ily				
Date of the a	ctual completion of the international search	Date of mailing of the international search	report				
	10 February 2000 (10.02.00)	31 March 2000 (31.03.00)					
Name and ma	ailing adress of the ISA/AT	Authorized officer	<del></del>				
	Austrian Patent Office						
	Kohlmarkt 8-10; A-1014 Vienna Zugarek						

Information on patent family members

International application No. PCT/SG 99/00119

Patent document cited in search report		Publication date	Patent family member(s)	Publication date	
US A	4931977	05-06-1990	CA A1 1272249	31-07-1990	

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	INTERNATIONAL SEARCH REPO	ORT	International application No. PCT/SG 99/00119					
A. CLAS	SIFICATION OF SUBJECT MATTER		1 C1/30 99/001	19				
IPC7: H 0	3 M 13/00							
According to International Patent Classification (IPC) or to both national classification and IPC								
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	3 M 13/00; G 06 G 7/00, 7/12		moois)	,				
	on searched other than minimum documentation to the							
Electronic da	ata base consulted during the international search (nam	ne of data base and,	where practicable, sear	ch terms used)				
WPT								
C. DOCU	MENTS CONSIDERED TO BE RELEVANT	<del></del>		<del></del>				
Category*	Citation of document, with indication, where approp	riate, of the relevant	passages	Relevant to claim No.				
Α	US 4931977 A (M. KLEMES) 05 June	1990 (05.06.90	), totality.	1-6				
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Further	documents are listed in the continuation of Box C.	See pater	. 6 . 11					
Special ca	tegories of cited documents:		nt family annex.					
"A" document	defining the general state of the art which is not it to be of particular relevance	date and not in co	nflict with the application	onal filing date or priority to but cited to understand				
"E" carlier app	plication or patent but published on or after the international	the principle or th "X" document of part	eory underlying the inver	ntion ned invention cannot be				
filing date	which may throw doubts on priority claim(s) or which is	considered novel when the docume	or cannot be considered t	o involve an inventive step				
ctied to establish the publication date of another citation or other special reason (as specified)  "Y" document of particular relevance; the claimed invention cannot be considered to invention and the considered to invent								
"O" document means	referring to an oral disclosure, use, exhibition or other	combined with o	ne or more other such doe	suments, such combination				
"P" document	published prior to the international filing date but later than y date claimed	"&" document member	a person skilled in the art of the same patent fami	ly				
Date of the a	ctual completion of the international search		he international search					
	10 February 2000 (10.02.00)	31 March 2000 (31.03.00)						
	ailing adress of the ISA/AT	Authorized officer						
Austrian Patent Office  Kohlmarkt 9 10: A 1014 Vienna 7 102 Pk								

Information on patent family members

International application No. PCT/SG 99/00119

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	Patent d in se	ocument cited Publication arch report date			Patent memb	family er(s)	Publ			blication date	
US	A	4931977	05-06-1990	CA	Al	127	2249		31-0	7-1990	
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